

directed against thrombin exosite 1, the fibrinogen binding site (5). Aptamer d(AGTCCTGGTAGGGCAGGTTGGGTGACT) (SEQ ID NO:2) (ODN 2a) is directed against exosite 2, the heparin binding site (29). Both ODN 1b and ODN 2b bind readily to free thrombin. Radioiodination of stannylyl oligodeoxyribonucleotides has provided high specific activity [ $^{123}\text{I}$ ,  $^{125}\text{I}$ ] aptamers for this investigation (14). --

*A2 cont'd*

Please replace the paragraph beginning on page 30, line 1, with the following amended paragraph:

-- TABLE 1: Oligodeoxynucleotide aptamers directed to human thrombin exosites 1(SEQ ID NO:1) and 2(SEQ ID NO:2) used in this work: a: X=Y=nil; b: X=IVDU, Y=nil; c: X=IVDU, Y=biotin; d: X=IVDU, Y=biotin-streptavidin; e: X=nil, Y=biotin; f: X=nil, Y=biotin-streptavidin.--

*D3*

Please insert the Sequence Listing enclosed herewith immediately after the abstract.

REMARKS

Enclosed herewith in full compliance to 37 C.F.R. §§1.821-1.825 is a Sequence Listing to be inserted into the specification as indicated above. The Sequence Listing in no way introduces new matter into the specification. Also submitted herewith in full compliance to 37 C.F.R. §§1.821-1.825 is a disk copy of the